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Complete if Known Substitute for form 1449A/PTO Application Number 10/730,785 Filing Date INFORMATION DISCLOSURE December 8, 2003 First Named Inventor STATEMENT BY APPLICANT Yasuto Sakai, et al. Art Unit 2861 Examiner Name Anh T.N. Vo (Use as many sheets as necessary) Attorney Docket Number 524941/002 Sheet

| Examiner | Cita | Decument Number | U. S. PATENT D Publication Date | | Daniel Astronomy 11 110 |
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| Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (F known)} | MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AV | | ^{US-} 2002-109760-A1 | 8-15-2002 | Miyazawa, et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|--------------------------|------|---|------------------|-----------------------------|---|---|--|--|--|
| Exeminer | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, | _ | | | |
| Initials* | No.' | Country Code ³ Number ⁴ Kind Code ⁶ (# Innown) | MM-DD-YYYY | Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | | | | |
| M | | JP-6-286151-A | 10-11-1994 | Brother Ind. Ltd. | w/ Engl. Abst. & Transl. | X | | | |
| 7 1 | | JP-2000-343722-A | 12-12-2000 | Seiko Epson Corp. | w/ Engl. Abst. & Transl. | X | | | |
| | | JP-2001-341324-A | 12-11-2001 | Seiko Epson Corp. | w/ Engl. Abst. & Transl. | X | | | |
| V/ | | CN-1365893-A | 8-28-2002 | Seiko Epson Corp. | | | | | |
| M | | EP-1 199 788-A | 4-24-2002 | Seiko Epson Corp. | Engl. Orig. | | | | |

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|-----------------------|-------|--------------------|-------|
| Examiner Signature | Anhlo | Date Considered | 10/06 |

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| Substitute for form 1449B/PTO | | | | | | Complete If Known | | | |
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| | | | | | | Application Number | 10/730,785 | | |
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| | STATEMENT BY APPLICANT | | | | | First Named Inventor | Yasuto Sakai, et al. | | |
| | | | | | | Art Unit | 2861 | | |
| (Use as many sheets as necessary) | | | | | y) | Examiner Name | Anh T.N. Vo | | |
| \ | Sheet | | 2 | of | 2 | Attorney Docket Number | 524941/0021 | | |

| - | | NON PATENT LITERATURE DOCUMENTS | |
|--|---|---|-------|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(e), publisher, city and/or country where published. | T² |
| AV | ************ | Office Action in Chinese Patent Appln. 200310118233.3 (12-2-2005), with English translation | X |
| W | *************************************** | Office Action in Japanese Patent Appln. 2003-204774 (9/1/2005), with English translation | × |
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